

Public Works Daily Situation Report for  
October 5, 2011  
Data as of 7:00pm  
This is the last Daily report.

**General:**

FEMA's Individual Assistance customer service site is at Pitt County's Agricultural Complex in their center north of the river. The site is serviced by GREAT bus route #4. This is the FEMA operation that supports individual assistance.

The first hazard tree assessment team for identifying hazardous public trees completed their portion of the task and provided the data to Public Works. Public Works requested another team for a week to complete the City's right of ways and a second team for a week to complete the parks. The NC Forestry team arrived on October 3<sup>rd</sup> and is scheduled to work Monday, Tuesday and Friday.

Mutual aid from other Cities: Durham provided two bucket truck crews on Monday, Sep 13<sup>th</sup> and will try to assist the Greenville one day each week for the next couple of weeks. Public Works is coordinating with Durham for the additional support. The City of Durham assisted the City with removing the large tree in Cherry Hill cemetery on Tuesday, Sep 27<sup>th</sup>.

NCDOT is clearing debris along their streets in the City. The State's contractors have completed the State's streets in the City once. The contractor did miss some piles of debris. The State has notified the contractor to collect the debris from the missed piles.

NC Emergency Management and FEMA representatives met with Public Works on Sep 13<sup>th</sup> to review the options of resolving the issue of debris in the City's stormwater ditches. FEMA is the federal agency that supports the recovery of manmade drainage systems. The representatives provided PW with information on issues that the City will have to address to obtain FEMA reimbursement for the ditches.

USDA's Natural Resources Conservation Service (NRCS) is the agency that supports debris removal in natural streams.

The City has requested a meeting with FEMA, NRCS and the NC Division of Water quality to ensure there is agreement on the methods/funding to remove debris from the City's blueline (natural) streams. The policy meeting between North Carolina Emergency Management, Division of Water Quality, FEMA and NRCS occurred on Sep 22<sup>nd</sup>. Initial feedback from the meeting is that the State is considering having one of its agencies being the applicant for the project that removes debris from streams in the area. The State had not made a decision yet. NCEM is planning on holding a conference call on the issue with Counties/Municipalities on October 6<sup>th</sup>.

The City sent a request through the County on Sep 16<sup>th</sup> to obtain FEMA's authorization to clear debris from private roads due to health/ life/safety reasons. The County told Public Works to send the request

directly to NCEM on Monday, Sep 19<sup>th</sup>. Public Works sent the request to NCEM on Sep 19<sup>th</sup>. FEMA's investigators were here the afternoon of Sep 21<sup>st</sup> and the morning of Sep 22<sup>nd</sup>. FEMA approved the request to fund the debris removal from private roads on Monday, Sep 26<sup>th</sup>. The contractor began working on private roads on the afternoon of Sep 26<sup>th</sup>. City crews completed removing debris from private roads on Oct 3<sup>rd</sup>.

The City has returned to its normal procedures for removing vegetation on City maintained streets. Branches cannot be longer than 6 feet or 4 inches in diameter. Additionally the amount of debris cannot fill up more than half of a knuckle boom truck.

The City has completed its first debris and second removal passes on City roads (the City's public rights of way). The City completed the removal of debris from multifamily complexes on Oct 4<sup>th</sup>. The Sanitation Division started its normal vegetative collection routes on Oct 4th.

The Mid-East Commission has received a grant to hire personnel to support in debris removal operations in the area. Pitt County has been allocated funding for 10. The City of Greenville will receive approximately 5 of those personnel.

Ceres is near completion of all of its task orders and will begin de-mobilizing on Friday Oct 7<sup>th</sup>.

This is the last PW daily report.

**Present estimated Costs:**

Damage to Private Property: \$6,691,500 (based on the City's windshield survey) – No change

Damage to City (less GUC) Property: \$170,098 (based on a preliminary estimate to support disaster declaration calculations) – No change. Staff will update this as soon as it receives the report from the insurance adjuster.

Debris removal: City Rights of way \$1.1 Million (based on windshield survey on Sep 7th)  
(Estimated cubic yards –140,000)

**Building Inspections: (No Change)**

They continue to respond to emergency building inspections for electrical repairs to buildings that must be re-inspected before GUC will re-connect electrical service. Residents and their contractors have started requesting building permits for storm damage repairs.

The public service announcements (PSAs) on when building permits are required for repairs to storm damaged buildings are continuing to be aired on GTV. The announcements include information on contractor licensing requirements and recommendations for homeowners needing repairs. The PSA information is on the City's website.

The Division has completed process of evaluating the known most heavily damaged buildings to determine if they must be condemned. Condemnation means that the building is unsafe and that it must be repaired before it can be occupied.

- 10 were condemned.
- Approximately 18 structures were posted with a violation placard simply to notify owners that permits are needed to repair the building but damages did not fully warrant condemnation. Inspection Division anticipates that more structures will be posted as they continue to canvas the areas.
- Inspection Division will continue to monitor cleanup activities to identify other damage that was not seen during the initial windshield survey (i.e. damage to the rear of structure or damage that was covered by debris).

#### **Traffic Signals and Signs:**

All 3-color traffic signals are now in operation. A flashing warning signal near the intersection of 4<sup>th</sup> and Cedar is not operational. The span wire was damaged by falling trees/limbs. Further investigation has determined that the intersection's signal system needs to be updated to meet current codes. Staff is investigating to determine if this warning signal is still needed. The area recently met the City's criteria for installing traffic calming devices and their installation may eliminate the need for the warning signals.

The Division is assessing and repairing damaged street name signs. Priority is to those areas where streets have been cleared and the first round of debris removal is finished. Major areas of problems with street name signs are:

- Line & Bancroft and some surrounding streets off of Line Ave.
- Arlington Blvd. & Emerald Pl. (Completed)
- Streets south of Red Banks Rd. to Fire Tower Rd.
- E. 5<sup>th</sup> St. on side streets between Holly and Harding St.
- Subdivisions off of Davenport Rd. such as Taberna, Bristolmore, Augusta Trails, and others
- South Corey Road

#### **Street Opening Operations:**

All City streets are open.

#### **Debris Removal:**

Estimated cubic yardage based on a windshield survey is 140,000. Staff expects this number to increase as more homeowners bring their backyard vegetation to the curb. City staff issued the second task order to Ceres for debris removal operations. The value of the two task orders combined is \$1.1 million.

The second debris removal pass on the City's public rights of way was completed on Sep 24th.

The second debris removal pass for private roads was completed on Monday, Oct 3, 2011.

City Crews finished removing debris from the multifamily complexes in the City limits on Oct 4<sup>th</sup>.

The rear loader follow-up crew that was working behind Ceres stopped work on Tuesday, Oct 4<sup>th</sup> when the vegetative collection crews started their normal routes.

*Wednesday, Oct 5<sup>th</sup>.*

Ceres had:

2 truck crews removed hangers and trees from City parks.

1 truck crew continued to remove hazardous branches and trees from the right of way.

1 truck crew worked on repairing damages to lawns.

Number of Truck load removed:

Agency	Previous loads	Oct 5th loads	Total to Date
City Crews	926*	0**	926
Ceres Environmental	2691	11	2702
Total	3604	11	3628

\*Streets Division Numbers were not included prior to Sep 6<sup>th</sup>.

\*\* Sanitation Division ceased debris removal operations on Oct 4<sup>th</sup>.

#### **Refuse and Recycling Sanitation Services:**

They will operate on their normal schedule for the week of Oct 3rd.

#### **Mosquito Control:**

Sanitation has been placing mosquito traps out in the City to determine the hot spots in the City and the impact spraying is having on the City. Sanitation began "spraying" the City on Wednesday, Sep 7<sup>th</sup>. Sanitation Division will coordinate with County's mosquito control program to synchronize spray operations to improve effectiveness of the control program. The Division will continue spraying the week of Oct 1<sup>st</sup> depending on weather conditions.

Sanitation set traps the night of Oct 3<sup>rd</sup>. Based on the results from the traps, Sanitation will spray Lakewood Pines, Longmeadow, Ragsdale and Overlook areas on the night of Oct 5<sup>th</sup>.

Mosquito traps were placed in the Churchside and North of the River areas the night of the Oct 4<sup>th</sup>. The Churchside trap did not capture any mosquitoes. The North of the River trap caught sufficient mosquitoes to spray the area.

**Street Division Operations:**

Street sweepers have returned to their normal schedule as sweeping of the areas that had heavy vegetative debris have been completed by the leaf trucks.

**Drainage System Assessment :**

The Department is coordinating with various State and Federal agencies to determine what will be done to clear remainder of the debris from streams.

**Drainage System Work:**

The hot spot crew completed opening flow lines (at normal water levels) in streams in the City. Trees are still across the streams and will block flows under high water conditions.

The ditch crew continues to remove light debris from the ditches in Zones 4. This area is part of their normal schedule.

The Division has crews clearing problem catch basin grates and culverts of debris.

**Transit: (No Change)**

Transit is on its regular schedule. Transit employees have completed removing debris and trash from bus stops, and emptying all trash cans at bus shelters and bus stops.

**PW controlled City buildings: (No Change)**

All city buildings experienced damage some form of damage. Priorities for City building maintenance personnel have been on drying out areas and coordinating for repairs to damaged roofs. PW was part of the group that showed insurance adjuster the damaged buildings on Sep 2<sup>nd</sup>. The City received the report from the insurance adjuster on the building at Bradford Creek Golf Course. The City received the report from the insurance adjuster for the other City buildings on Oct 3<sup>rd</sup>.

**Grounds:**

Conducting tree removal operations and removing hanging branches (hangers) in trees.

City Crews – Continued to remove hangers in the West Greenville and E-5<sup>th</sup> Street areas.

Ceres crews removed hangers from Public Rights of way. Ceres tree removal crew completed removing known hazardous trees from City parks.

**Fleet Maintenance:**

One knuckle boom loader is not operational. Fleet Maintenance has determined that the problem is with the turbo charger. The replacement part is on hand and it should be repaired sometime on October 6<sup>th</sup>.

**Next 24 to 48 Hours:**

Sanitation vegetative crews are on their normal routes.

Public Works continues to spray areas of the City for mosquitoes depending on weather conditions.

Ditch crews have returned to their normal ditch maintenance activities and are working in Zones 4.

Ceres crews will continue to support the removal of hazardous branches (hanger) City Parks.

Ceres will complete the removals of known hazardous limbs on Thursday and will begin de-mobilization.

*Thursday, Oct 5<sup>th</sup>.*

Ceres will have:

1 truck crew will continue to remove hazardous branches from the Parks.